



**Australian Government**

# **ICTWEB421 Ensure website content meets technical protocols and standards**

**Release: 1**

# ICTWEB421 Ensure website content meets technical protocols and standards

## Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 1.0.

## Application

This unit describes the skills and knowledge required to ensure content for a website is in accordance with customer specifications, and is compatible with the appropriate technical and infrastructure protocols.

It applies to individuals working in the web development area who are required to populate websites according to clear benchmarks.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## Unit Sector

Web

## Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Confirm that content meets the required standards	1.1 Take action to ensure that text-based content meets client needs, and the required style standards 1.2 Confirm that the multimedia-based content meets the business design standards, or the overall look of the website 1.3 Check that the mix between multimedia and text-based content, provides the required level of interaction identified in the project brief 1.4 Test that the content conforms to client expectations and the technology

ELEMENT	PERFORMANCE CRITERIA
2. Confirm that the technology supports the content	2.1 Take action to ensure that the protocols required for multimedia content are available 2.2 Check and confirm, that the bandwidth required to support the content is available 2.3 Check and confirm, that the servers support the content and levels of interaction 2.4 Check and confirm, that the plug-ins required to support content are made available 2.5 Test and confirm, that compression techniques support delivery of content
3. Test the content	3.1 Test and confirm that content displays as intended and according to business requirements in target browsers 3.2 Test with beta users that content encourages interaction and content interaction performs as intended and record results 3.3 Test and confirm that plug-ins download with a minimum of steps, complication and time 3.4 Test that interactive tools are available and provide the expected results

## Foundation Skills

*This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.*

Skill	Performance Criteria	Description
Reading	1.1, 1.2, 1.3, 1.4, 2.2, 3.1	<ul style="list-style-type: none"> <li>Identifies and analyses, online information and client specifications, to ensure that all business requirements are met</li> </ul>
Writing	3.2	<ul style="list-style-type: none"> <li>Documents outcomes of tests using industry relevant terminology and recognised symbols</li> </ul>
Oral Communication	1.1	<ul style="list-style-type: none"> <li>Clearly articulates requirements, using the language appropriate to the audience, and participates in a verbal exchange of ideas/solutions</li> </ul>
Numeracy	3.3	<ul style="list-style-type: none"> <li>Uses basic mathematical formula to time technological processes</li> </ul>
Navigate the	1.1, 1.2, 3.1	<ul style="list-style-type: none"> <li>Takes personal responsibility for following explicit</li> </ul>

world of work		and implicit policies, procedures and specifications
Interact with others	1.1, 1.2, 3.2	<ul style="list-style-type: none"> <li>Elicits feedback and provides feedback to others, in order to improve work practices and processes</li> <li>Selects and uses the appropriate conventions and protocols, when communicating with clients and co-workers in a range of work contexts</li> </ul>
Get the work done	1.1, 1.4, 2.1-2.5, 3.1-3.4	<ul style="list-style-type: none"> <li>Takes responsibility for planning, sequencing and prioritising tasks and own workload, for efficiency and effective outcomes</li> <li>Makes routine decisions and implements standard procedures for routine tasks, using formal decision-making processes for more complex and non-routine situations</li> <li>Uses familiar digital technologies and systems to access information, search and enter, data and code, present information, and communicate with others, cognisant of data security and safety</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTWEB421 Ensure website content meets technical protocols and standards	ICAWEB421A Ensure website content meets technical protocols and standards	Updated to meet Standards for Training Packages	Equivalent unit

## Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>